Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037949.D
Acq On : 12 Nov 2018 18:05
Operator : JU/SJ
Sample : J5901-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-E

Quant Time: Nov 13 06:10:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54150	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	243714	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	161175	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	343153	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	298181	20.00	ng	-0.02
87) Perylene-d12	25.08	264	248947	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	478093	147.61	ng	-0.02
7) Phenol-d6	7.24	99	710995	145.17	ng	-0.02
23) Nitrobenzene-d5	9.27	82	435369	100.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	241071	137.13	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1048424	98.09	ng	-0.02
79) Terphenyl-d14	20.07	244	1397752	100.16	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.27	94	42785	8.280	ng	96
50) Dimethylphthalate	14.17	163	155908	12.504	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

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Misc :
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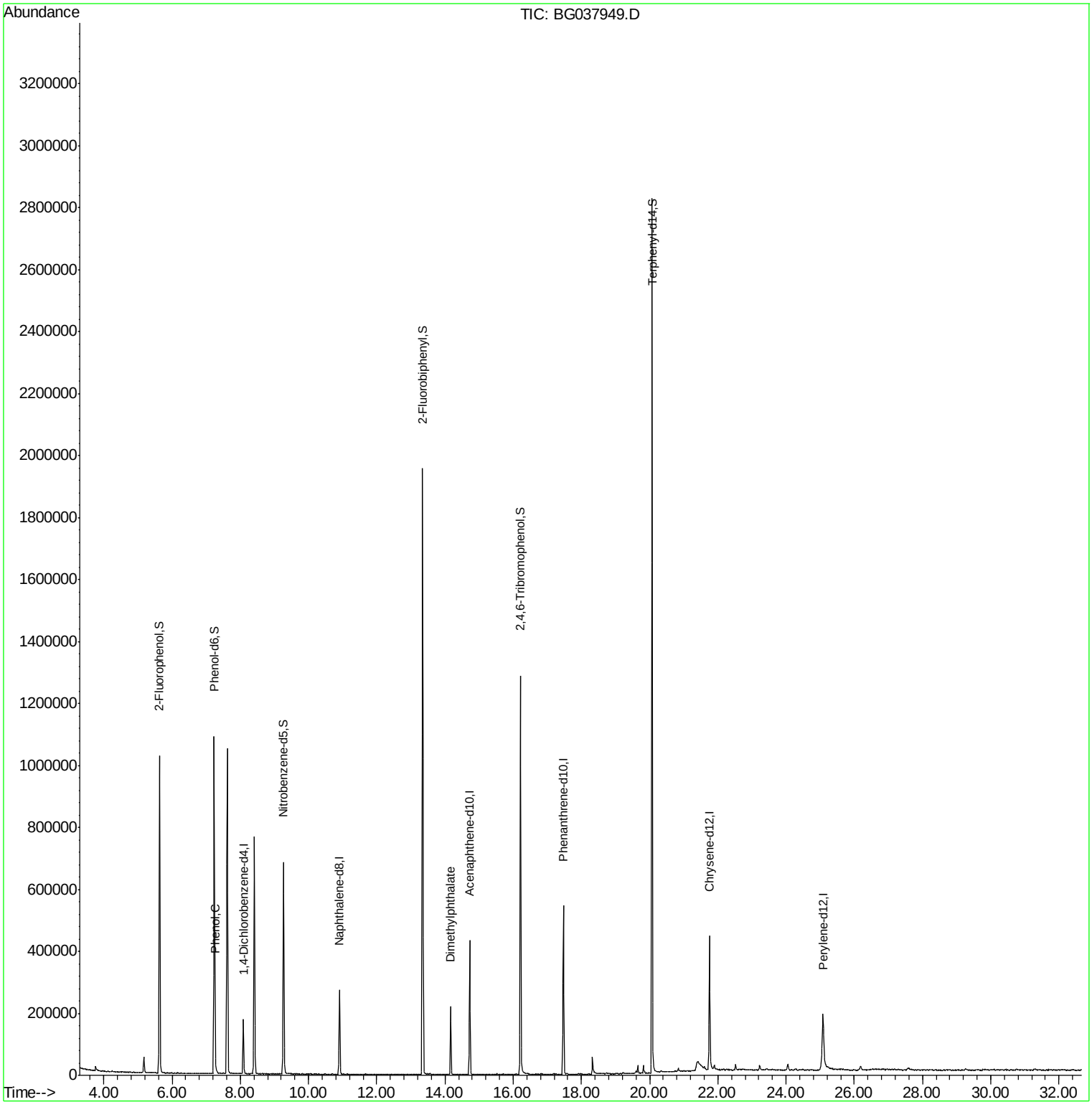
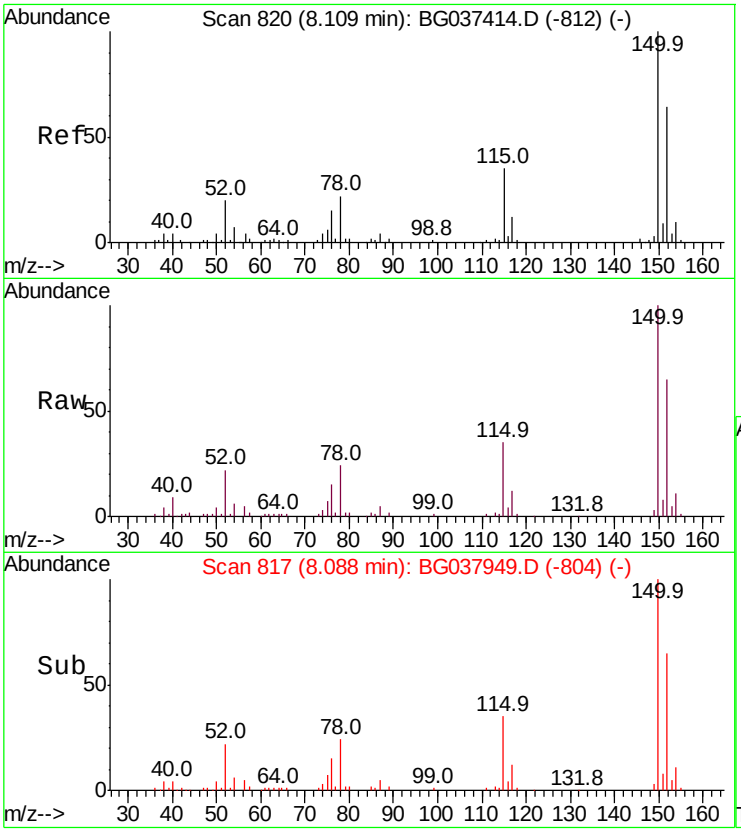


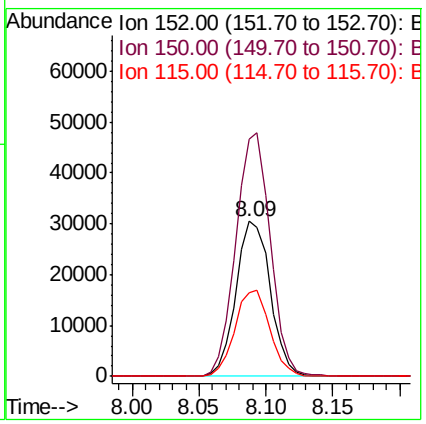


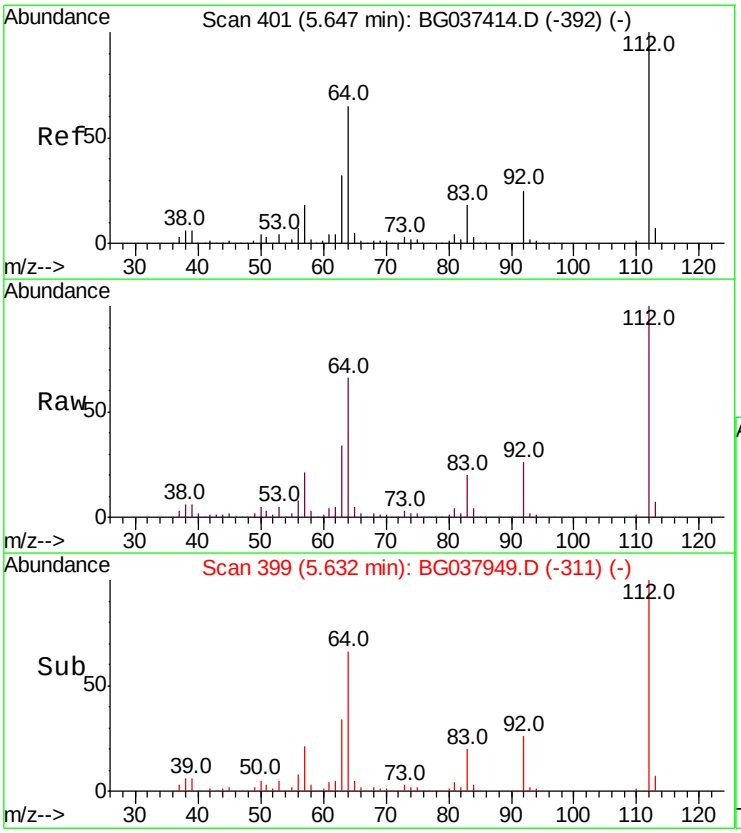
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion:152 Resp: 54150

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.0	189.0
115	53.5	45.5	68.3

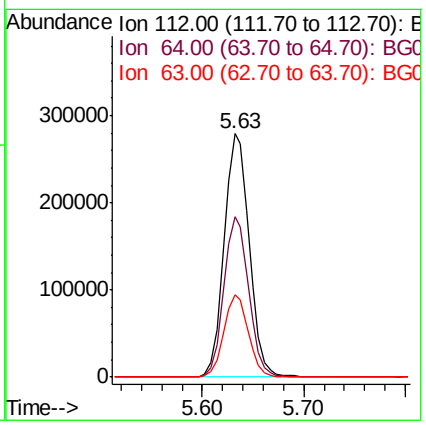


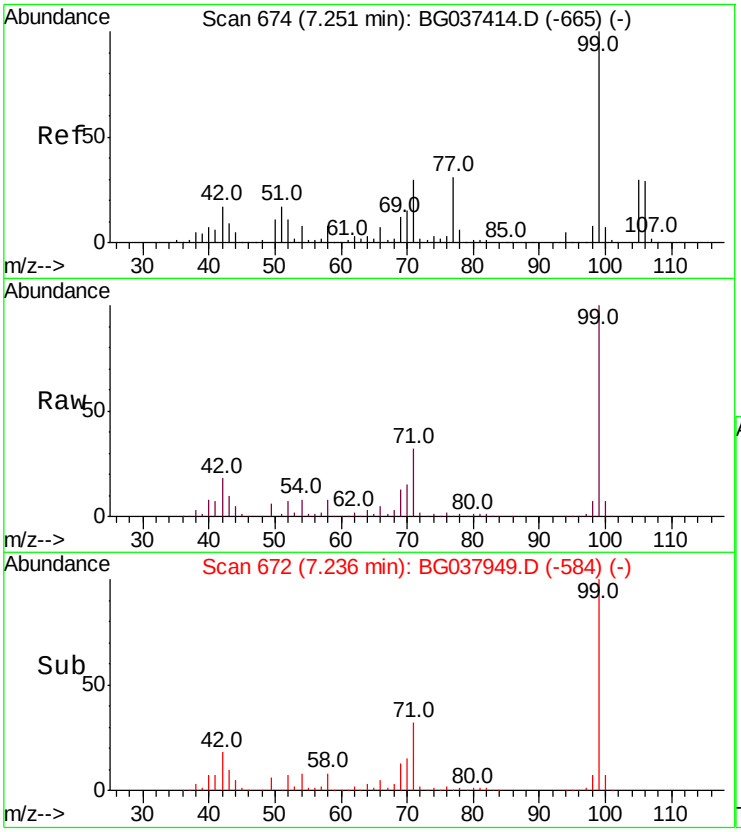


#5
2-Fluorophenol
Concen: 147.609 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:112 Resp: 478093

Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.1	79.7
63	33.7	27.3	40.9



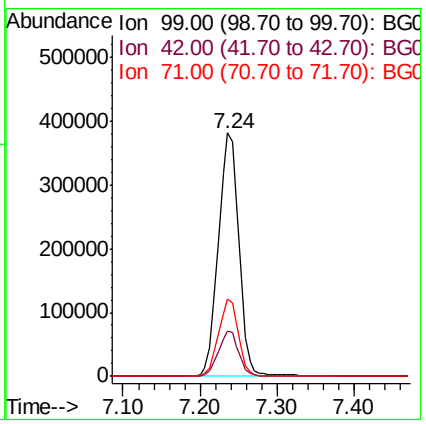


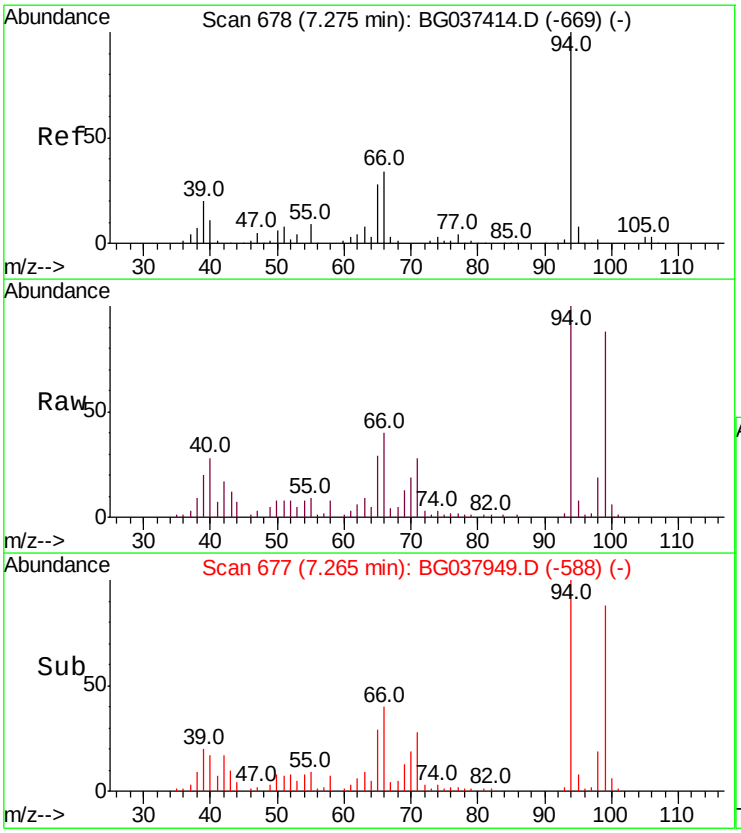
#7
Phenol-d6
Concen: 145.171 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion: 99 Resp: 710995

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	31.5	25.5	38.3

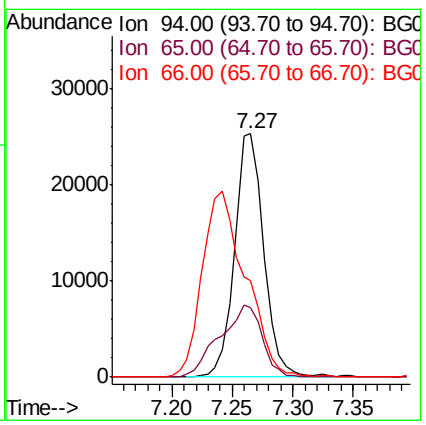


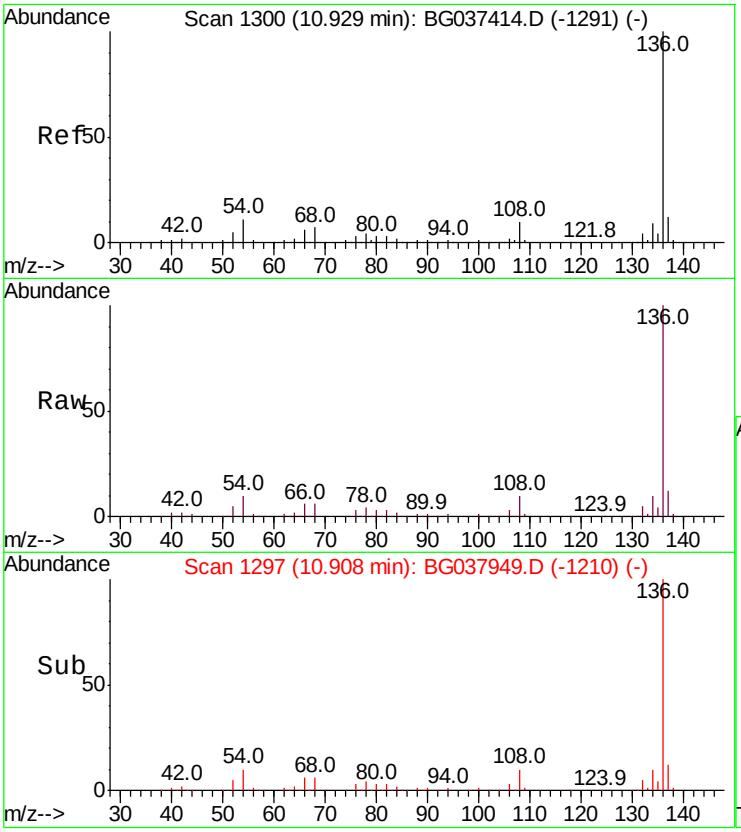


#10
Phenol
Concen: 8.280 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion: 94 Resp: 42785

Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.7	49.7
66	39.6	15.9	55.9



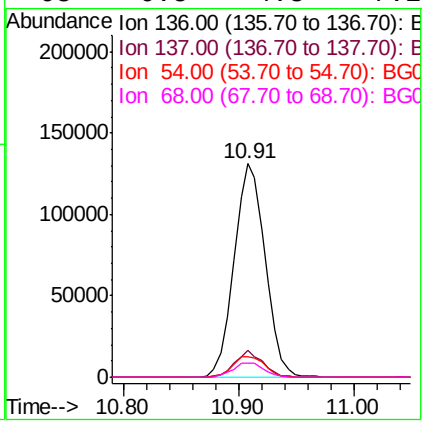


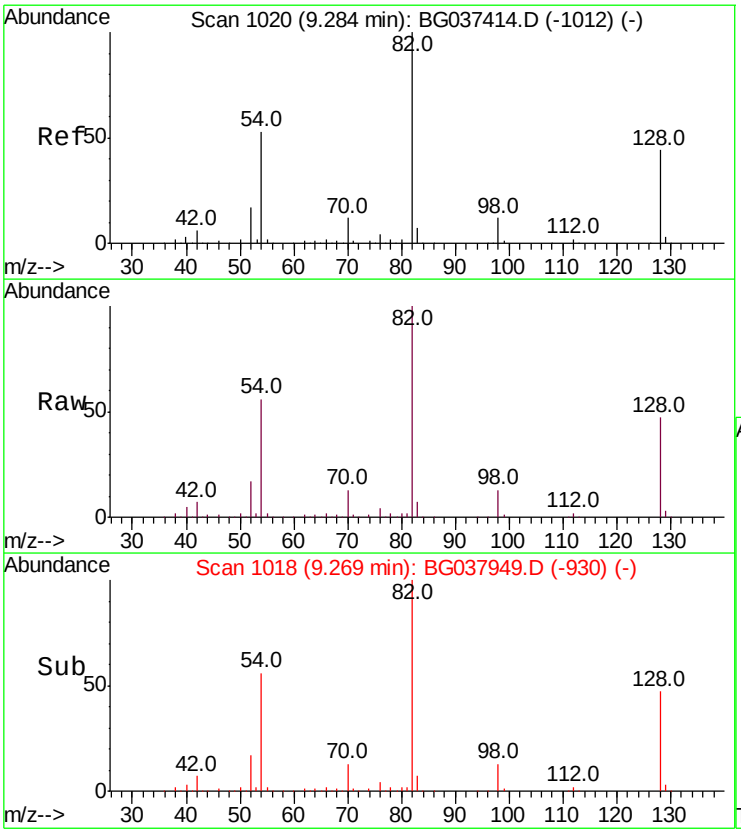
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion:136 Resp: 243714

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	9.8	7.9	11.9
68	6.5	4.8	7.2

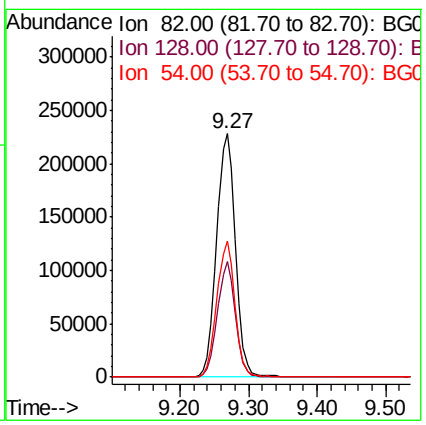


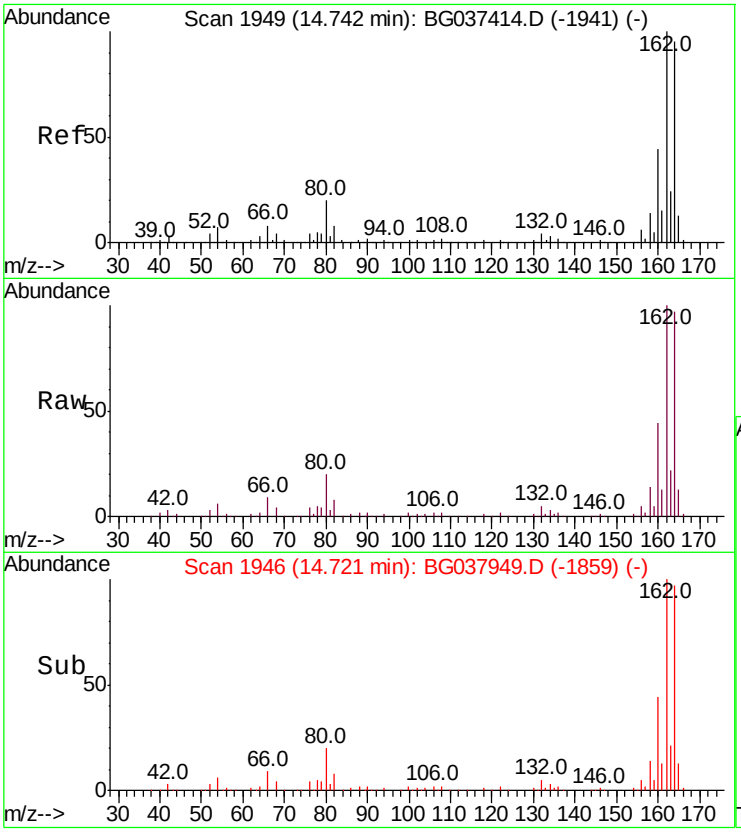


#23
Nitrobenzene-d5
Concen: 100.072 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion: 82 Resp: 435369

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	51.8
54	55.8	45.3	67.9



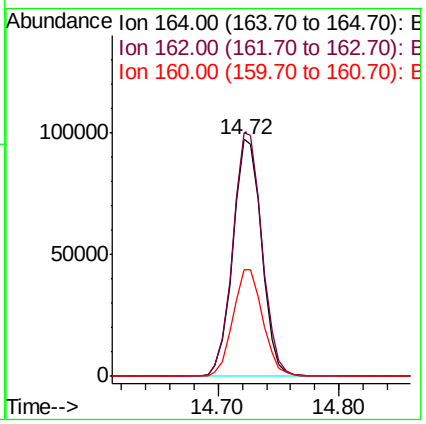


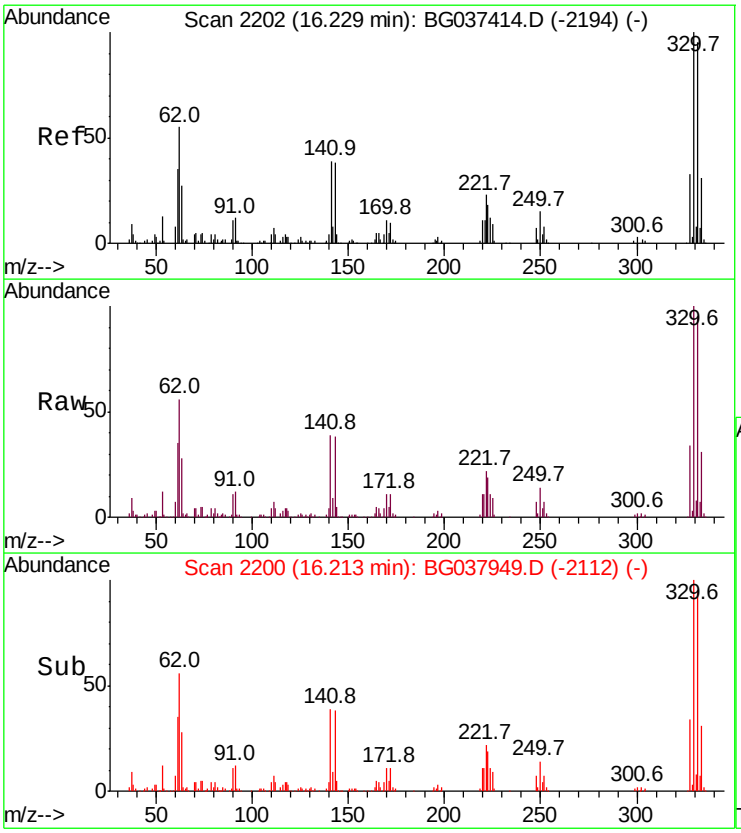
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion:164 Resp: 161175

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.3	121.9
160	44.8	36.3	54.5

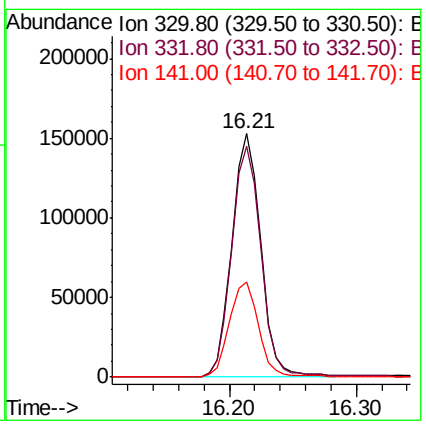


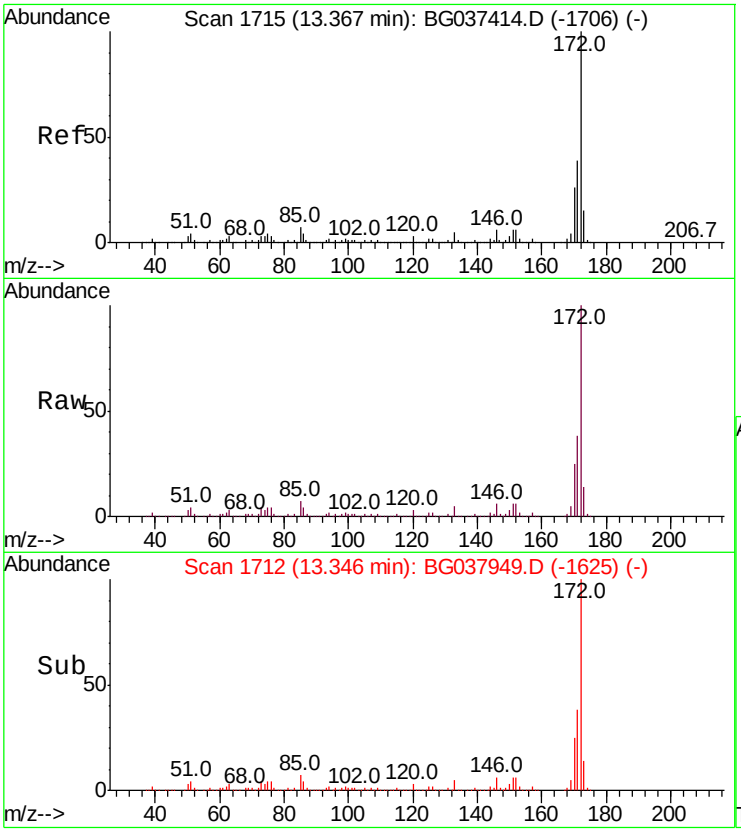


#42
2,4,6-Tribromophenol
Concen: 137.134 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:330 Resp: 241071

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.4	117.6
141	39.8	32.2	48.2



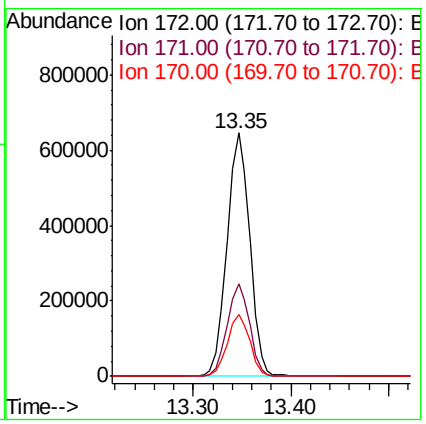


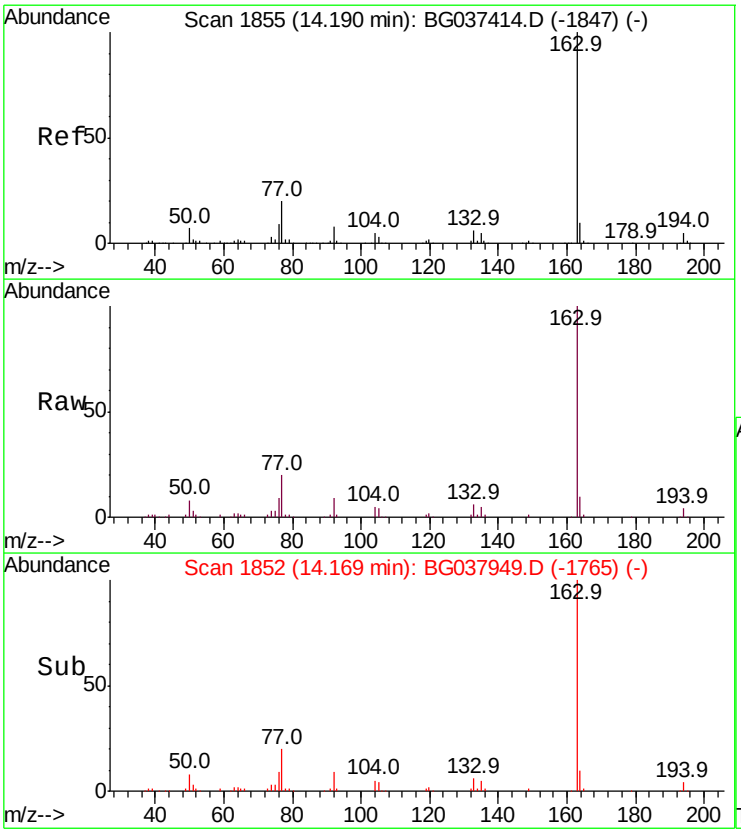
#45
2-Fluorobiphenyl
Concen: 98.090 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion:172 Resp: 1048424

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.2	20.2	30.2

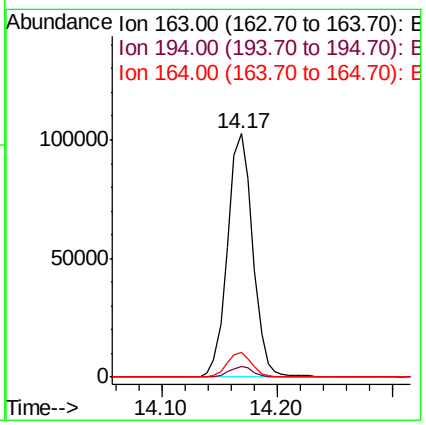


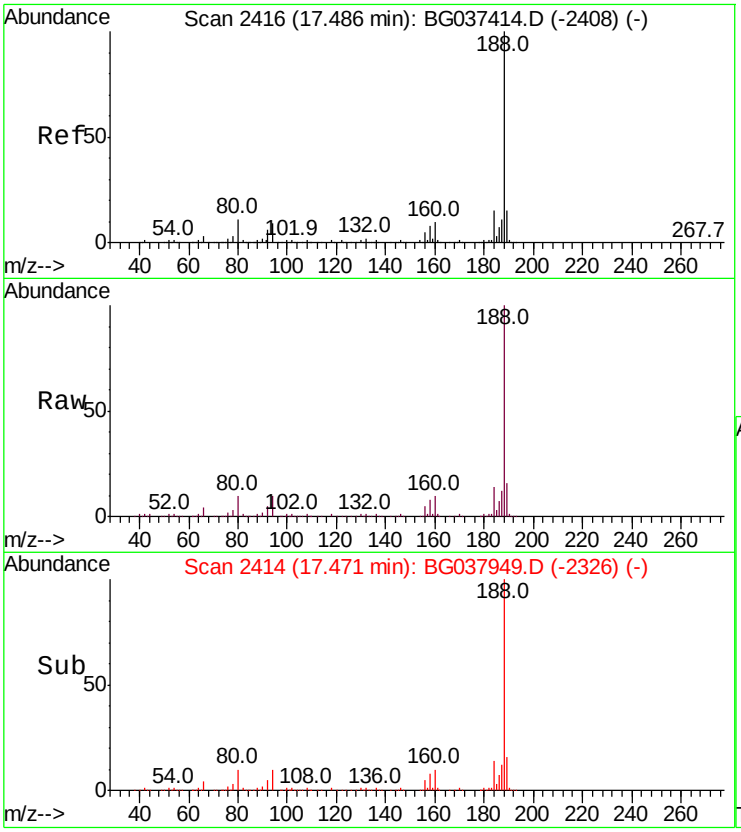


#50
Dimethylphthalate
Concen: 12.504 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:163 Resp: 155908

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.5	12.7



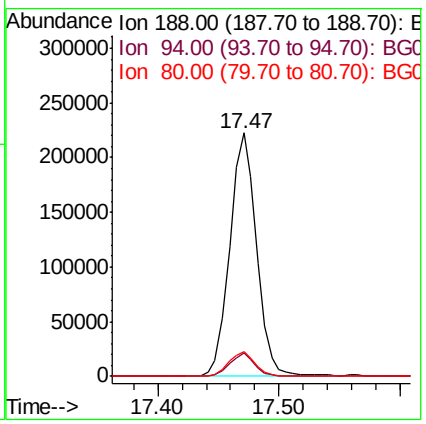


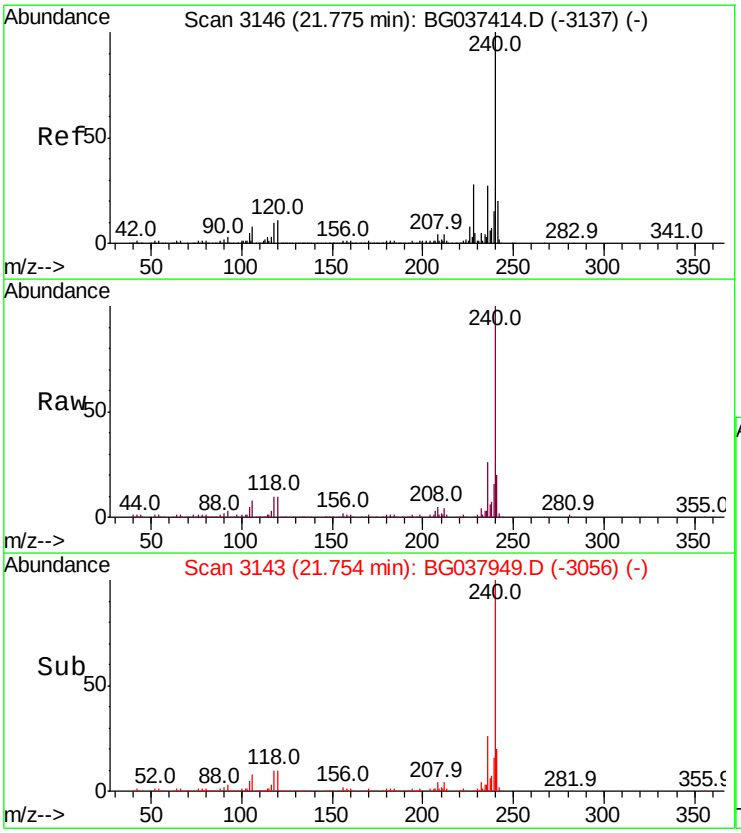
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion:188 Resp: 343153

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.0	7.7	11.5

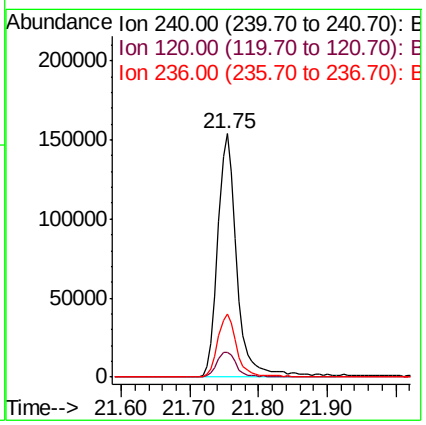


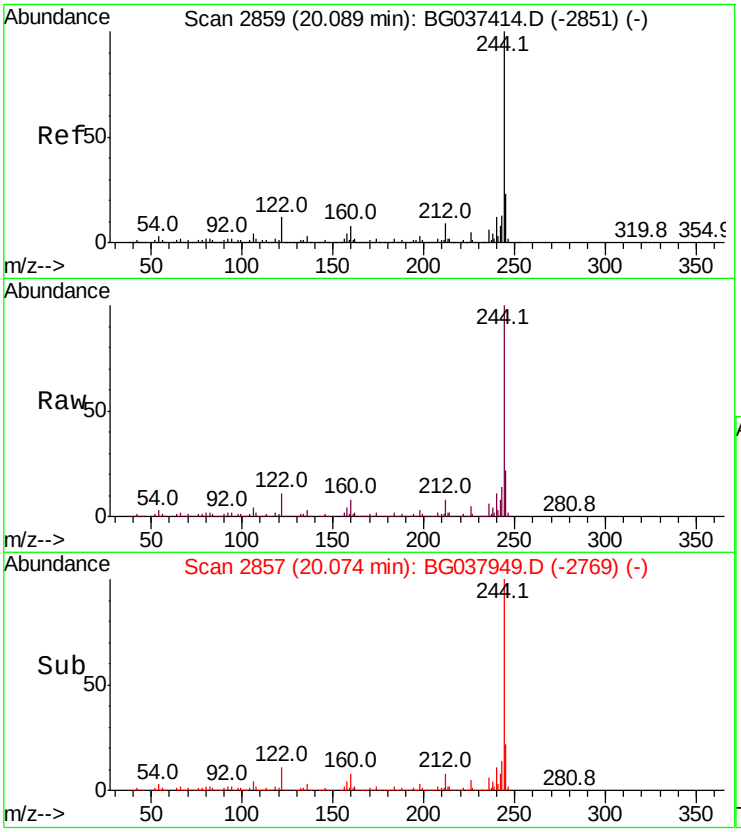


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:240 Resp: 298181

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.7	21.4	32.0



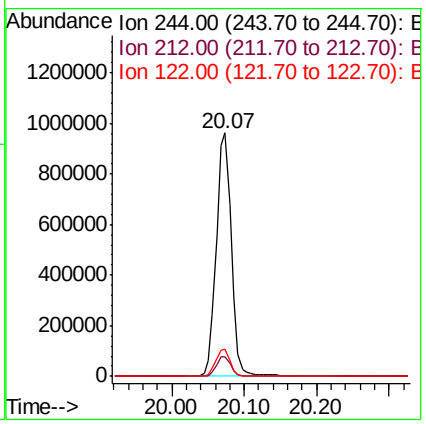


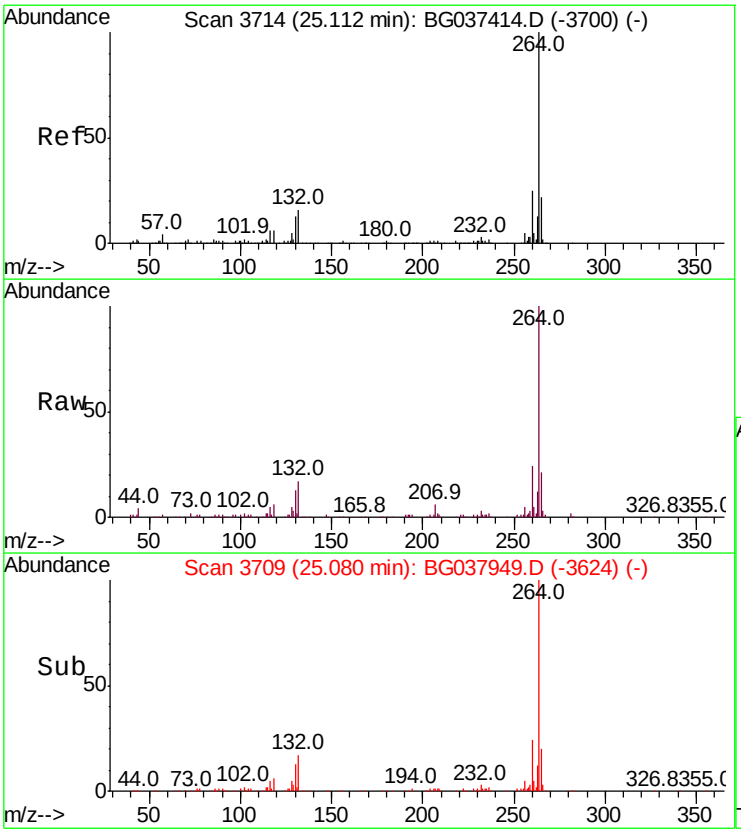
#79
Terphenyl-d14
Concen: 100.163 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
S-E

Tgt Ion:244 Resp: 1397752

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037949.D
Acq: 12 Nov 2018 18:05

Tgt Ion:264 Resp: 248947

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	20.8	17.9	26.9